

**Amendments to the Claims:**

This listing of claims will replace all prior versions,  
and listings, of claims in the application:

**Listing of Claims**

Claims 1-12 (canceled)

Claim 13 (previously presented): Peptides that bind to SP22 (SEQ ID NO:3) or to functional fragments of SP22, which functional fragments are defined by peptide sequences of the SP22 molecule derived from SEQ ID NO:3.

Claim 14 (previously presented): The peptides according to claim 13 which are antibodies to SP22 (SEQ ID NO:3) or to functional fragments of SP22.

Claim 15 (new): Peptides that bind to either SP22 (SEQ ID NO:3) derived from sperm surface or to functional fragments of SP22 (SEQ ID NO:3) derived from sperm surface, said functional fragments of SP22 being defined by peptide sequences of the SP22 molecule.

Claim 16 (new): The peptides according to claim 15 which are antibodies to SP22 (SEQ ID NO:3) derived from sperm surface or to functional fragments of SP22.